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## **Automation Electric Linear Actuator With Potentiometer Unit**



Automation electric linear actuator with potentiometer unit is suitable for modulating and open-close duty of control and process technology to operate control valves. AOX is a Chinese electric actuator manufacturer. AOX's innovative product design concepts and products in practical applications have received much attention and recognition.

Automation electric linear actuator with potentiometer unit are reliable, safe and convenient, with the advantages of compatibility and practicability.

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## **Automation electric linear actuator with potentiometer unit**

### **Introduction**

Automation electric linear actuator with potentiometer unit is specially designed for linear operating valves such as globe valve and similar usages. AOX has its own factory in China. AOX's automation electric linear actuator with potentiometer unit serve all over the world, including Europe, the Americas, ICAO, Australia, Africa, Asia, the Middle East and Southeast Asian countries. It is widely used in water treatment, heating, petroleum, chemical industry, electronics, light industry, food, medicine, textile, paper making, hydropower, ships, smelting, new energy and other fields. In addition, it has established very friendly relations with many Fortune 500 companies.

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## Automation electric linear actuator with potentiometer unit Parameter (Specification)

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Model	Thrust	Speed	Max travel	power	Rated current(A)	Weight
	N	mm/S	mm	W	220V/50HZ/1PH	Kg
AOX-L-30	3000	1.5	25	30	0.31	17.5
AOX-L-50	5000	1.5	40	45	0.42	19
AOX-L-80	8000	1.5	60	60	0.62	19.5
AOX-L-100	10000	1.5	100	60	0.68	33
AOX-L-160	16000	1.5	100	90	0.85	33
AOX-L-200	20000	1.5	100	90	0.87	33
AOX-L-250	25000	1.5	100	120	1.22	33
AOX-L-300	30000	1.5	100	120	1.28	33

## Automation electric linear actuator with potentiometer unit

### Feature And Application

Running speeds: 1.5 mm/s

Anti-vibration level:JB/T 8219

Noise level:Less than 75 dB within 1 m

Ingress Protection:2\* NPT 3/4

Electrical interface:IP67, Optional:IP68

On/off type signal:

Input : AC 110/220 Input

Signal Feedback:Integrated fault contacts,Close the valve contact,Open the valve contact

Modulating type signal:

Input signal: 4 - 20 mA; 0 - 10 V; 2 - 10 V

Output signal: 4 - 20 mA; 0 - 10 V; 2 - 10 V

Loss Signal Mode Setting:N/A

Space heater with thermostat to prevent overheating

Provide a wide range of voltage

Strong structure, accurate positioning, reliable performance

Hand/auto clutch switching

Local control/auto hold

Modular design

Mechanical interlock protection

Contact mode selection

Conditional control protection

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## **Automation electric linear actuator with potentiometer unit details**

### **1. Terminal block for automation electric linear actuator with potentiometer unit**

Installed in a separate wiring chamber, using the spring self - type terminal ensure robust and reliable.

### **2. Cam and limit switch**

Tightened with two specific nuts above, each cam can be set separately, once the setup is complete, each cam will always remain in this position.

### **3. Manual operation for automation electric linear actuator with potentiometer unit**

With hand, automatic clutch function. The valve can be operated manually in case of power failure. Automatic discharge hand wheel meshing capabilities to ensure the safety of personnel at the moment of motor rates.